

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/853,530

DATE: 06/08/2001  
TIME: 14:48:22

Input Set : C:\PAOLA\09853530.txt  
Output Set: N:\CRF3\06082001\I853530.raw

## SEQUENCE LISTING

ENTERED

4 (1) GENERAL INFORMATION:  
6 (i) APPLICANT: Klimpel, Kurt  
7 Goletz, Theresa J.  
8 Arora, Naveen  
9 Leppla, Stephen H.  
10 Berzofsky, Jay A.  
13 (ii) TITLE OF INVENTION: Targeting Antigens to the MHC Class I  
14 Processing Pathway With an Anthrax Toxin Fusion Protein  
16 (iii) NUMBER OF SEQUENCES: 5  
18 (iv) CORRESPONDENCE ADDRESS:  
19 (A) ADDRESSEE: Townsend and Townsend and Crew LLP  
20 (B) STREET: Two Embarcadero Center, Eighth Floor  
21 (C) CITY: San Francisco  
22 (D) STATE: California  
23 (E) COUNTRY: USA  
24 (F) ZIP: 94111-3834  
26 (v) COMPUTER READABLE FORM:  
27 (A) MEDIUM TYPE: Floppy disk  
28 (B) COMPUTER: IBM PC compatible  
29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
32 (vi) CURRENT APPLICATION DATA:  
C--> 33 (A) APPLICATION NUMBER: US/09/853,530  
C--> 34 (B) FILING DATE: 09-May-2001  
35 (C) CLASSIFICATION:  
37 (vii) PRIOR APPLICATION DATA:  
38 (A) APPLICATION NUMBER: 08/937,276  
39 (B) FILING DATE:  
41 (viii) ATTORNEY/AGENT INFORMATION:  
42 (A) NAME: Weber, Kenneth A.  
43 (B) REGISTRATION NUMBER: 31,677  
44 (C) REFERENCE/DOCKET NUMBER: 015280-290100US  
46 (ix) TELECOMMUNICATION INFORMATION:  
47 (A) TELEPHONE: (415) 576-0200  
48 (B) TELEFAX: (415) 576-0300  
51 (2) INFORMATION FOR SEQ ID NO: 1:  
53 (i) SEQUENCE CHARACTERISTICS:  
54 (A) LENGTH: 36 base pairs  
55 (B) TYPE: nucleic acid  
56 (C) STRANDEDNESS: single  
57 (D) TOPOLOGY: linear  
W--> 59 (ii) MOLECULE TYPE: DNA  
62 (ix) FEATURE:  
63 (A) NAME/KEY: -  
64 (B) LOCATION: 1..36  
65 (D) OTHER INFORMATION: /note= "primer 1"

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68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
70 TCTAGATCTA GAAGCGGGCG GTCATGGTGA TGTAGG
73 (2) INFORMATION FOR SEQ ID NO: 2:
75      (i) SEQUENCE CHARACTERISTICS:
76          (A) LENGTH: 37 base pairs
77          (B) TYPE: nucleic acid
78          (C) STRANDEDNESS: single
79          (D) TOPOLOGY: linear
W--> 81      (ii) MOLECULE TYPE: DNA
84      (ix) FEATURE:
85          (A) NAME/KEY: -
86          (B) LOCATION: 1..37
87          (D) OTHER INFORMATION: /note= "primer 2"
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
92 GATCTTTAAG TTCACGCGTG GATAGATTTA TTTCTTG
95 (2) INFORMATION FOR SEQ ID NO: 3:
97      (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 32 base pairs
99          (B) TYPE: nucleic acid
100         (C) STRANDEDNESS: single
101         (D) TOPOLOGY: linear
W--> 103     (ii) MOLECULE TYPE: DNA
106     (ix) FEATURE:
107         (A) NAME/KEY: -
108         (B) LOCATION: 1..32
109         (D) OTHER INFORMATION: /note= "primer 3"
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
114 GCAAGACGCG TCTGCAGATG AGAGTGAAGG AG
117 (2) INFORMATION FOR SEQ ID NO: 4:
119     (i) SEQUENCE CHARACTERISTICS:
120         (A) LENGTH: 38 base pairs
121         (B) TYPE: nucleic acid
122         (C) STRANDEDNESS: single
123         (D) TOPOLOGY: linear
W--> 125     (ii) MOLECULE TYPE: DNA
128     (ix) FEATURE:
129         (A) NAME/KEY: -
130         (B) LOCATION: 1..38
131         (D) OTHER INFORMATION: /note= "primer 4"
134     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
136 ATCCGCTCGA GTCTAGATTA TCTTTTCTCT CTCTGCAC
139 (2) INFORMATION FOR SEQ ID NO: 5:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 11 amino acids
143         (B) TYPE: amino acid
144         (C) STRANDEDNESS:
145         (D) TOPOLOGY: linear
147     (ii) MOLECULE TYPE: peptide
150     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

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152	Arg	Gly	Pro	Gly	Arg	Arg	Ala	Phe	Asn	Thr	Ile
153	1			5						10	

## VERIFICATION SUMMARY

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Input Set : C:\PAOLA\09853530.txt

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L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:59 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1  
L:81 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2  
L:103 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3  
L:125 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4